Answer Key – a reference section in the back of the Student Reference Book (SRB) that gives answers to sample problems

Answer Key

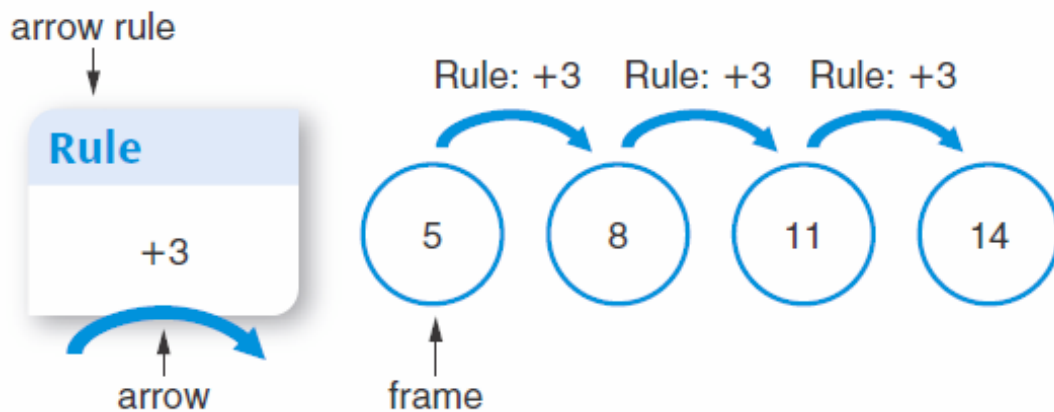**Page 67**
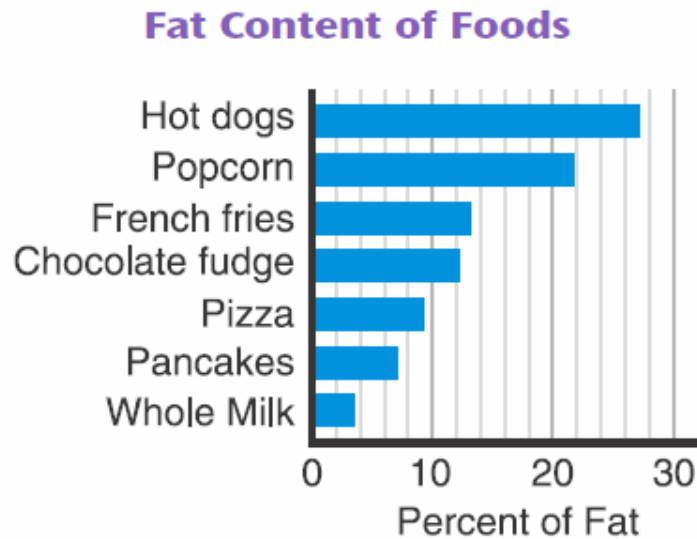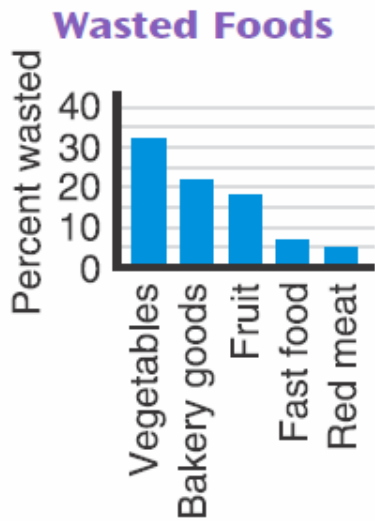
1. 32 chairs

2. **a.** $4 \times 5 = 20$

   b. $3 \times 9 = 27$

Arrow Rule – an operation that determines the number that goes into the next frame in a *Frames and Arrows* diagram; there may be more than one arrow rule per diagram

arrow rule

Rule

+3

arrow

Rule: +3   Rule: +3   Rule: +3

5   8   11   14

frame

Bar Graph – a graph with horizontal or vertical bars that represent data

Wasted Foods

Percent wasted

40
30
20
10
0

Vegetables
Bakery goods
Fruit
Fast food
Red meat

Fat Content of Foods

Hot dogs
Popcorn
French fries
Chocolate fudge
Pizza
Pancakes
Whole Milk

0   10   20   30

Percent of Fat

Calculate – to determine an answer using a mathematics operation (=, -, *, ÷)

Centimeter (cm) – a metric unit of length, equivalent to 10 millimeters, $\frac{1}{10}$ of a decimeter, and $\frac{1}{100}$ of a meter

A centimeter is approximately the width of your pointer finger.

Data Bank – a collection of data sets presented in posters, tables, graphs, and maps

Stationery Store Poster

$1.79
SALE! Reg. $1.89

Wipe Out

Correction Fluid

$2.99
SALE! Reg. $4.49

Pens
Box of 24

PHOTO ALBUM

Photo Album
$3 off

Decimal – a number written in standard base-10 notation containing a decimal point

2.54

0.175

32.06

Decimal Point – a mark used to separate the ones and tenths places in decimals. Also separates dollars from cents.

36.753

$13.92

decimal point   **decimal point**

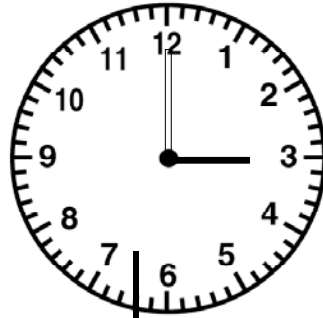**Difference** – the result of subtracting one number from another

difference

$$12 - 5 = 7$$

Elapsed Time – time that has gone by

1:30
START

3:00
STOP

Elapsed Time = 3:00 – 1:30 = 1 ½ hours

Equivalent Names – different ways of naming the same number

Different Names for 8

2 + 6	4 + 4	12 – 4
	18 – 10	100 – 92
	5 + 1 + 2	VIII

𝍷𝍷𝍷𝍷𝍷 𝍷𝍷𝍷

Essay – a written report about a certain topic

All about
Apes
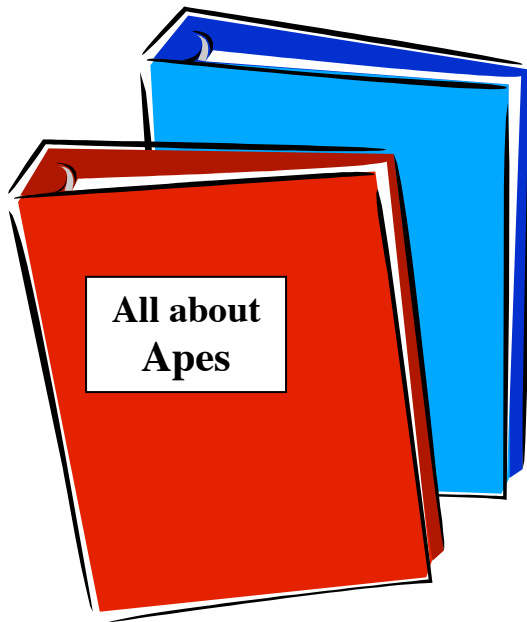
**Estimate** – an answer close to, or approximating, an exact answer

About how much candy is in the jar?

About 20 pieces

**Event –** a set of possible outcomes to an experiment

Frames-and-Arrows Diagram - diagrams consisting of frames connected by arrows used to represent number sequences; each frame contains a number, and each arrow represents a rule that determines which number goes in the next frame; there may be more than one rule, represented by different-color arrows
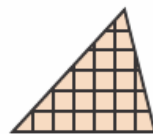
arrow rule

Rule

Add 10

arrow

Rule:
Add 10

Rule:
Add 10

Rule:
Add 10

147   157   167   177

frame
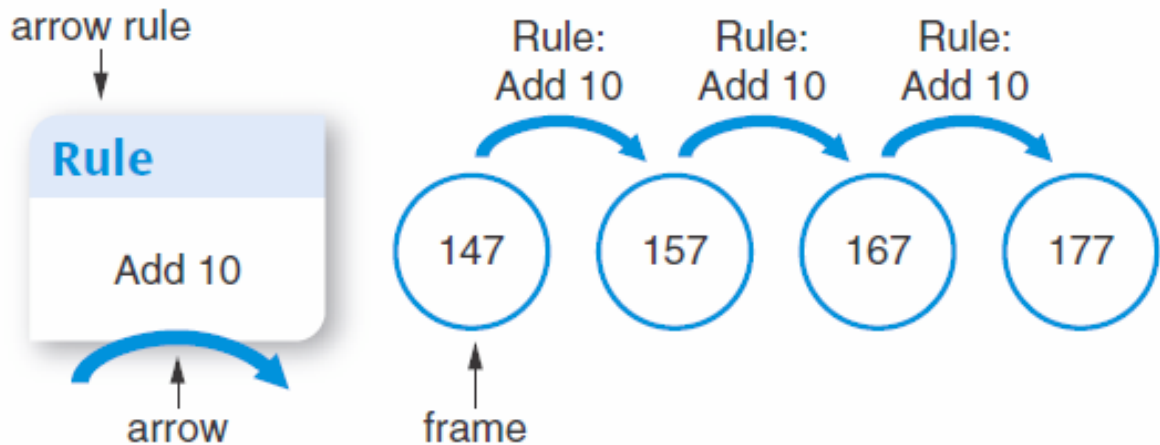
Glossary – a list of mathematics terms and their definitions, found in the back of the Student Reference Book (SRB)

Glossary

Area The amount of surface inside a shape. Area is measured in square units, such as square inches or square centimeters.
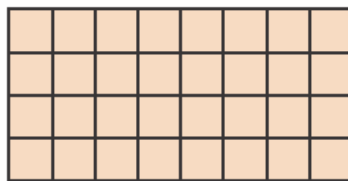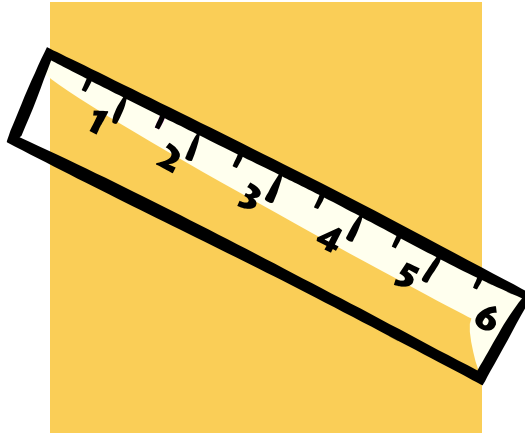
32 square units

about 21 square units

Inch – a U.S. customary unit of length equal to $\frac{1}{12}$ of a foot

Index – a list of mathematics topics/subjects and the page numbers on which they can be found located in the back of the Student Reference Book (SRB)
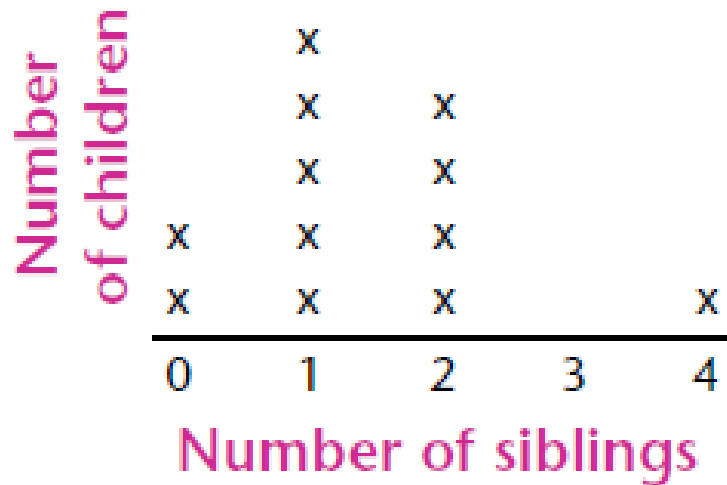
Index

A

Abbreviations
    metric system units, 170, 246
    U.S. customary system units, 170, 246
    units of time, 174, 247
Addition
    basic facts, 50–51
    column-addition method, 59
    Fact Triangles, 54
    facts table, 50–51
    games, 270, 278, 289–292, 307–308,
      312, 314

Line plot – a sketch of data in which check marks, Xs, or other symbols above a labeled line show the frequency of each value

```
                    X
Number          X       X
of children     X       X
          X     X       X
          X     X       X             X
         ─────────────────────────────────
          0     1       2     3       4
              Number of siblings
```

Make Change – provide coins or bills that are the difference between the price of an item and the amount of money given by the purchaser
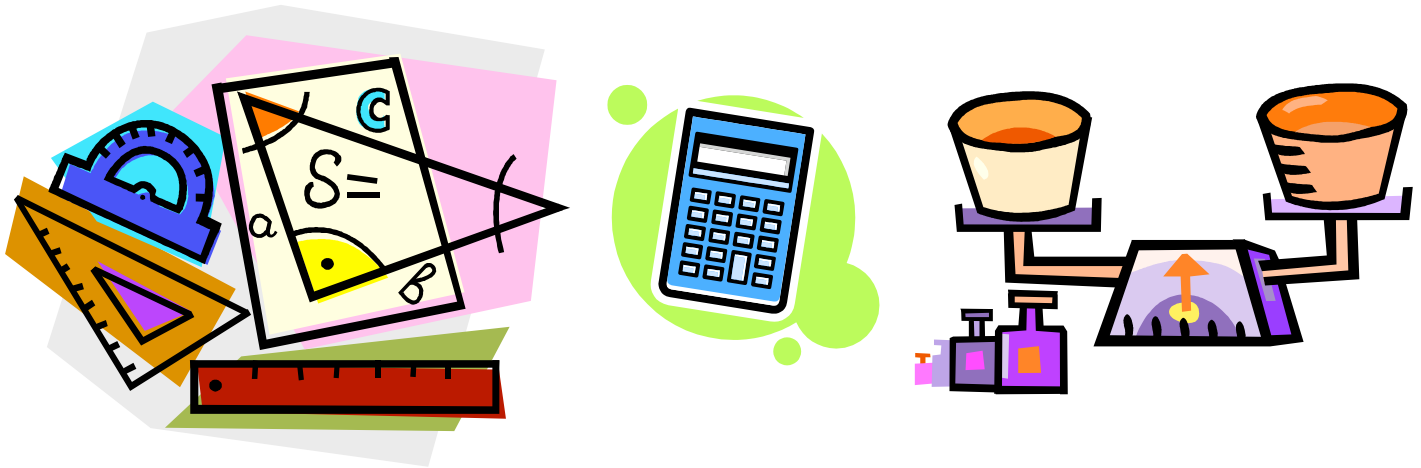
Buy correction fluid

Pay with a $5 bill

Make Change!

$5.00 - $1.79 = $3.21

Give 3 $1 bills, two dimes and a

penny

$1.79

SALE! Reg. $1.89

Wipe Out

Correction Fluid

Mathematical Tools – instruments and devices used in mathematics to measure or perform calculations
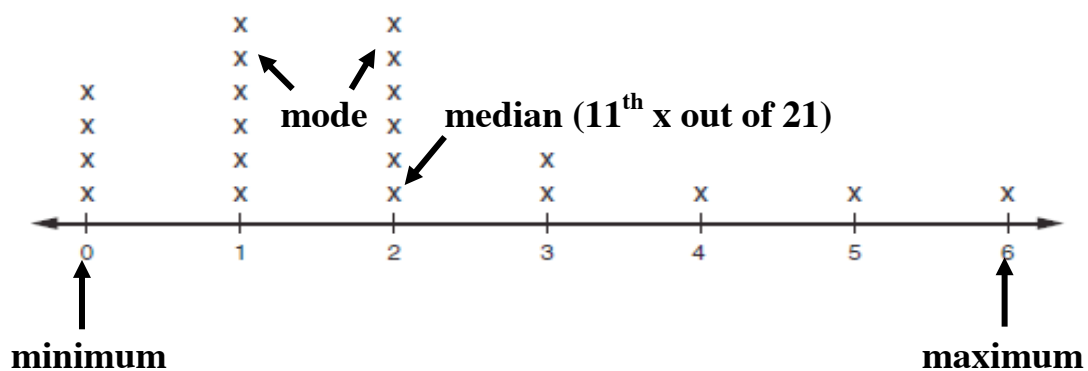
Maximum – the largest amount; the greatest number in a set of data
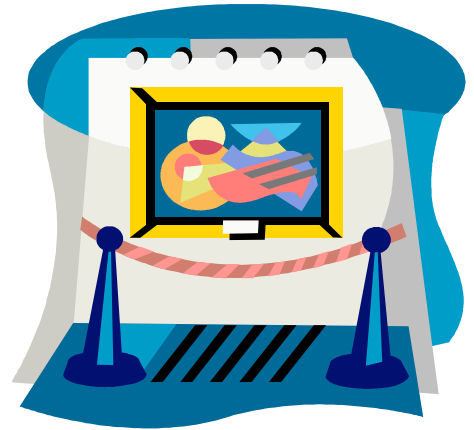
Minimum – the smallest amount; the smallest number in a set of data

Median – the middle value in a set of data listed in order from small to great

Mode – the value or values that occur most often in a set of data

# Museum – a place where works of art, history, or science are displayed

Name-Collection Box – a diagram that is used for collecting equivalent names for a number

25
37 − 12
20 + 5
HHT HHT HHT HHT HHT
twenty-five
veinticinco

Number Grid – a table in which consecutive numbers are arranged in rows, usually 10 columns per row

-9	-8	-7	-6	-5	-4	-3	-2	-1	0
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100
101	102	103	104	105	106	107	108	109	110

Number-Grid Puzzle – a piece of a number grid in which some, but not all, of the numbers are missing
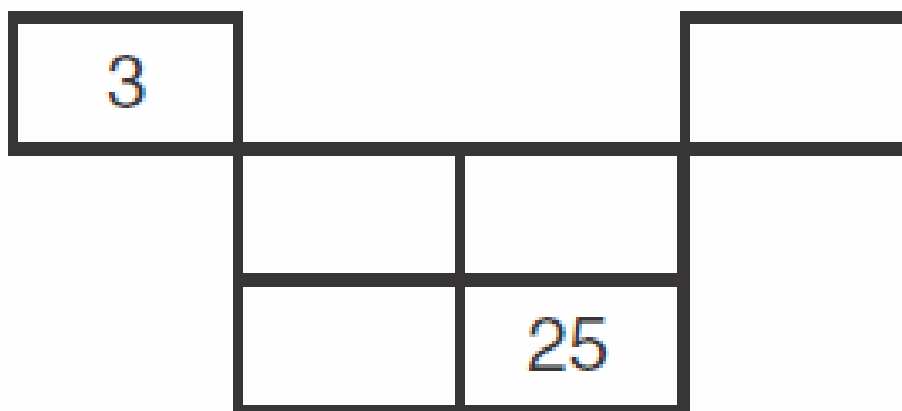
Range – the difference between the maximum and the minimum in a set of data

Maximum is 36

Minimum is 17

Range = 36 – 17 = 19

Regular Price – the regular price of a product

Regular (list) price is

$2799.99

Sale Price – the amount you pay after subtracting the discount from the regular price

If a TV is normally $500 but is discounted as ½ off,

$500 - $250 = $250

The discounted price is $250

Table of Contents – in the Student Reference Book (SRB), a listing of topics and page numbers in the order in which they appear in the book

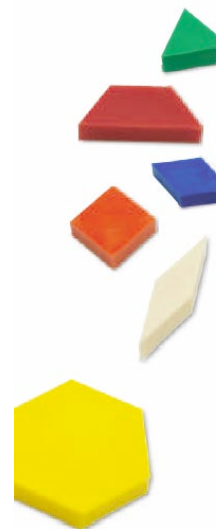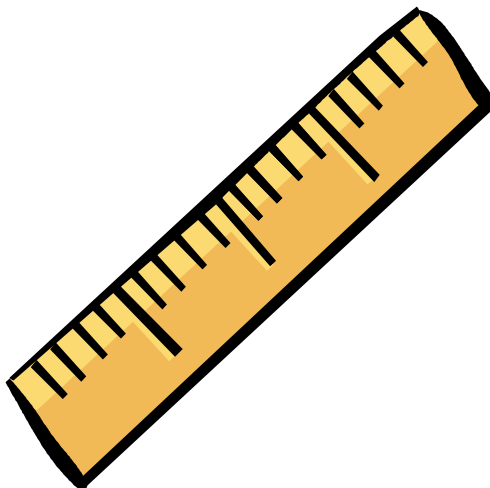# Contents

Tally Chart – a table to keep track of a tally, typically showing how many times each value appears in a set of data

Number of Pull-Ups	Number of Children
0	ⅢⅢ I
1	ⅢⅢ
2	IIII
3	II

A tally chart

Tool Kit – a bag or box containing a calculator, measuring tools, and manipulatives often used by children in *Everyday Mathematics*

Unit – a label used to put a number in context; students often keep track of units in unit boxes